ABSTRACT

The present invention provides an implementation of a supply-based management system in a network environment. The system includes a server, which includes a plurality of business process entity beans and a notification manager. The plurality of business process entity beams includes a request-for-quotation process entity bean, a quotation process entity bean, and a purchase order process entity bean. The system also includes a front-end, which includes: a user interface, a controller coupled to the user interface, and a business process router coupled to the controller. In a preferred embodiment, the front end architecture includes Java server pages, a controller, and a business process router. The server side architecture includes a plurality of business processes, which are implemented by a plurality of Enterprise JavaBeans, and a notification manager as a messaging daemon. The plurality of Enterprise JavaBeans implement, among others, the request-for-quotation, the quotation, and the purchase order processes. By implementing the supply-based management system in a network environment, the efficiency of the plurality of business processes is increased.

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